



# Ducat Windows VPS Masternode Setup Guide

Difficulty : 1/5

Time : 30 Minutes

Update possibility : VERY EASY

## I. GET STARTED

Download the wallet to your computer (this is called your Controller Wallet).

Download the wallet to your Windows VPS (This will be your hot wallet).

<https://github.com/DucatC/Ducat-Coin/releases>

## II. WINDOWS VPS CONFIGURATION

1. Sign up on Vultr : <https://www.vultr.com/?ref=7456162>

2. Deploy a new server => Windows 2016 x64 25 Gb SSD.

3. Enable Auto-Backups. ( Optionnal )

4. Go into the View Console Tab.

5. You will get a screen as below, click on "Send CtrlAltDel".

6. Click on the icon of "Ease of access", then choose "On Screen-Keyboards". ( This will save you hours of frustration, facilitates typing the correct characters in the password.)

7. Use password from 'Server Details' to access your VPS. Use On-Screen Keyboard so you dont waste time typing incorrect characters.

8. Launch "Internet Explorer", choose "Internet Options", then click on "Security" tab, de-select "Enable Protected Mode".

9. Then click on "Custom level..." button, look for option "File download", and "Enable" it. Then click "OK", click "Apply", and lastly click "OK".

10. On "Internet Explorer" address bar, go to [opera.com](https://opera.com), and download and install Opera.

## III. TRANSACTION SETUP

Create an address in the receive tab of your Controller wallet with the Label "MN".

Send 3,500 DC exactly to the address ( i.e. send it to yourself ) and wait for full confirmations.

Open the console :

```
>> masternode genkey
```

Copy the output into the notepad for future use.

```
>> masternode outputs
```

Copy the output into the notepad for future use.

## IV. MASTERNODE CONF

Go to <http://www.whatsmyip.org> and copy your IP into the notepad.

Create or open the masternode.conf file in your Ducat repository, and write there :

```
>> [alias] <yourIP:port> genkey outputs
```

*[alias] = Masternode alias ( MN for our case )*

*yourIP:port = your ip and port 10015.*

*genkey = the output of the masternode genkey command.*

*outputs = the TXID and the index output from masternode outputs command.*

Output could look like this :

1	MN 46	IP:PORT	10015 68y	genkey	outvB1g fed48a79	outputs	06b39c0ef8434f 1
2	MN2 9		10015 68		0UfwABG4 9bbd366		f14aff99179e48b 0

From there save the masternode.conf file.

## V. TO THE VPS !

1. First you need to get Ducat executable from : <https://github.com/DucatC/Ducat-Coin/releases>

2. Open the wallet and wait for the synchronisation

3. Go to your Ducat Coin repository and save ducat.conf with following lines :

```
listen=1
daemon=1
rpcuser=username
rpcpassword=password
addnode=46.101.61.220
addnode=45.77.58.196
addnode=209.250.228.241
addnode=209.250.226.12
rpccallowip=127.0.0.1
logtimestamps=1
maxconnections=256
masternode=1
externalip=<IP>
masternodeaddr=<IP>:<PORT>
masternodeprivkey=<genkey>
```

Save this file wallet config and restart both of VPS & controller wallets.

## VI. BOOTING UP THE MASTERNODES

Once they have been restarted, wait for them to be fully synced with the network again. Go to your controller wallet and type in the console :

```
>> masternode start-alias MN
```

You should receive a success message !

To double check, you can go on your VPS Wallet, into the debug console and type :

```
>> masternode status
```

You should receive a status = 9.

It means that your DC masternode started successfully !

## VII. FAQ

1. Can I close my cold/controller wallet once MN is booted ?

Yes, the VPS/Hot Wallet is the only one that needs to stay live.

2. Can I add MN after I have set up the initial ones ?

Yes, follow the same steps in this document.

3. Can I spend the 3,500 Coins from the cold wallet ?

No explicitly, if the MN Collateral address falls below 3,500, you will lose your MN staking reward.

4. Why can't I open the Ducat Wallet on the Windows VPS ?

Sometimes, wallet is not responding to the user click on a VPS. You have to open a Command Prompt ( Window+R ) and type :

```
>> cd ~/<executable repository>
```

```
>> Ducat-Windows.exe
```

5. I can't open the shortcuts on the VPS, it says 'Access denied'.

Right click on Ducat-Windows, go to properties and allow the application.

## VIII. CREDITS

OPCX Masternode guide for Windows VPS Multi MNs



### WEBSITE

<https://www.ducatcoin.io>

### BITCOINTALK ANN

<https://bitcointalk.org/index.php?topic=3359696.msg35189586#msg35189586>

### GITHUB

<https://github.com/DucatC/Ducat-Coin>

### REDDIT

[https://www.reddit.com/r/Ducatcoin\\_official](https://www.reddit.com/r/Ducatcoin_official)

### TELEGRAM

[https://t.me/ducat\\_ann](https://t.me/ducat_ann)

### TWITTER

[https://twitter.com/Ducat\\_coin](https://twitter.com/Ducat_coin)

### WALLETS

<https://github.com/DucatC/Ducat-Coin/releases>